List of Tables

SUMMARY DATA

2-1	Summary of Total SNF, Radioactive Waste, 11e(2) Byproduct Material, and Ex-Situ Contaminated Media in Inventory	2-2
2-2	Summary of Total SNF, Radioactive Waste, 11e(2) Byproduct Material, and Ex-Situ Contaminated Media by Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	2-3
2-3	Summary of Total Volume of Previously-Disposed TRU Waste	2.4
2-4	Summary of Total Volume of In-Situ Contaminated Media	
2-5	Summary of Total Volumes of Non-Radioactive Waste Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	
2-6	Total Projected Inventories of SNF, Radioactive Waste, 11e(2) Byproduct Material, and Ex-Situ Contaminated Media as Reported by Sites: FY 2000 - FY 2070	2-5
2-7	Total Projected SNF, Radioactive Waste, 11e(2) Byproduct Material, and Contaminated Media by Management Activity as Reported by Sites: FY 2000 - FY 2070	2-6
2-8	Summary of Total Projected CH TRU and RH TRU Volumes: FY 2001 - FY 2034	
2-9	Summary of Radioactive Waste Volumes and Approximate Radioactivity	2-8
2-10	Approximate Percent of Total Quantity Accounted for by Curie Data	2-8
2-11	DOE and Commercial Sites Within the Scope of This Report	2-10
SPEN	IT NUCLEAR FUEL	
3-1	Summary of Total SNF Mass by Inventory and Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	3-1
3-2	Summary of Total Projected SNF Mass by Management Activity as Reported by Sites: FY 2000 - FY 2070	3-5
3-3	Summary of Total Projected Mass of SNF by Inventory and Management Activity: FY 2000 - FY 2070	3-5
3-4	Total Mass of SNF in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	3-7
3-5	Total Mass of SNF in Inventory by Source Reactor and DOE Site: FY 1999 Actuals	3-9
3-6	Total Mass of SNF in Inventory by DOE Facility and Site: FY 1999 Actuals	3-12
3-7	Total Mass of Projected SNF Inventories as Reported by Sites: FY 2000 - FY 2070	3-13
3-8	Total Mass of SNF Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	3-15
3-9	Total Projected Mass of SNF-New Generation as Reported by Sites: FY 2000 - FY 2070	3-16
3-10	Total Mass of SNF Treated as Reported by Sites: FY 1999 Actuals	3-18
3-11	Total Mass of Projected SNF Treatment as Reported by Sites: FY 2000 - FY 2070	3-19
3-12	Total Mass of SNF Receipts as Reported by Sites: FY 1998 and FY 1999 Actuals	3-21
3-13	Total Mass of Projected SNF Receipts as Reported by Sites: FY 2000 - FY 2070	3-22

3-14	Total Mass of Projected SNF Disposal as Reported by Sites: FY 2011 - FY 2070	3-24
HIGH	I-LEVEL WASTE	
4-1	Summary of Total HLW Volumes by Inventory and Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	4-1
4-2	Summary of Total HLW-Vitrified Quantity in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	4-1
4-3	Summary of Total Projected HLW Treatment Volumes as Reported by Sites: FY 2000 - FY 2070	4-5
4-4	Summary of Total Projected HLW Volumes by Inventory and Treatment as Reported by Sites: FY 2000 - FY 2070	4-5
4-5	Summary of Total Projected HLW-Vitrified Disposal as Reported by Sites: FY 2000 - FY 2070	4-6
4-6	Summary of Total Projected HLW-Vitrified Quantity by Inventory and Disposal as Reported by Sites: FY 2000 - FY 2070	4-7
4-7	Total Volume of HLW in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	4-8
4-8	Total Quantity of HLW-Vitrified in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	4-10
4-9	Total Projected Volume of HLW Inventories as Reported by Sites: FY 2000 - FY 2070	4-12
4-10	Total Projected HLW-Vitrified Inventories as Reported by Sites: FY 2000 - FY 2070	4-14
4-11	Total Volume of HLW in Inventory by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	4-16
4-12	Total Volume of HLW Treated as Reported by Sites: FY 1998 and FY 1999 Actuals	4-17
4-13	Total Projected Volume of HLW Treatment as Reported by Sites: FY 2000 - FY 2070	4-18
4-14	Total Projected Quantity of HLW-Vitrified Disposal as Reported by Sites: FY 2010 - FY 2070	4-20
4-15	Total Projected Quantity of HLW-Vitrified Shipments for Disposal at a Geologic Repository as Reported by Sites: FY 2000 - FY 2070	4-21
4-16	Total Radioactivity of HLW and HLW-Vitrified in Inventory as of the End of FY 1999	4-23
TRAN	NSURANIC WASTE	
5-1	Shipments of CH TRU Waste to WIPP as of December 31, 2000	5-2
5-2	Total CH TRU Waste Inventory (Storage), Generation, and Disposal Volumes: FY 2000 - FY 2034	5-6
5-3	Total RH TRU Waste Inventory (Storage), Generation, and Disposal Volumes: FY 2000 - FY 2034	5-7
5-4	Total Projected Number of CH TRU Waste Shipments to WIPP for Disposal: FY 2001 - FY 2034	5-9
5-5	Total Projected Number of RH TRU Waste Shipments to WIPP for Disposal: FY 2001 - FY 2034	5-10
5-6	Estimated Radioactivity of CH and RH TRU Waste in Inventory at the End of FY 1996	5-12

BURIED TRANSURANIC WASTE

6-1	Summary of Total Volume and Radioactivity of Previously-Disposed TRU-Contaminated Waste and Soil	6-7
6-2	Total Volume and Radioactivity of Previously-Disposed TRU-Contaminated Waste and Soil	6-7
6-3	Summary of Total Volume of Previously-Disposed TRU-Contaminated Waste and Soil by Physical Form	6-8
LOW-	-LEVEL WASTE	
7-1	Summary of Total LLW Volumes by Inventory and Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	7-1
7-2	Summary of Total Projected Volumes by Management Activity: FY 2000 - FY 2070	7-4
7-3	Summary of Total Projected LLW Volumes by Inventory and Management Activities: FY 2000 - FY 2070	7-5
7-4	Total Volume of LLW in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	7-7
7-5	Total Volume of LLW in Inventory by State as Reported by Sites: FY 1998 and FY 1999 Actuals	7-10
7-6	Total Projected LLW Inventory Volume as Reported by Sites: FY 2000 - FY 2070	7-11
7-7	Total LLW Volume in Inventory by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	7-14
7-8	Total Volume of LLW Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	7-15
7-9	Total Volume of LLW Newly-Generated by State as Reported by Sites: FY 1998 and FY 1999 Actuals	7-17
7-10	Summary of Total Projected LLW-New Generation Volume as Reported by Sites: FY 2000 - FY 2070	7-18
7-11	Total Projected LLW-New Generation Volume as Reported by Sites: FY 2000 - FY 2070	7-19
7-12	Total Volume of LLW Newly-Generated by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	7-23
7-13	Total Volume of LLW Treated as Reported by Sites: FY 1998 and FY 1999 Actuals	7-24
7-14	Total Volume of LLW Treated by State as Reported by Sites: FY 1998 and FY 1999	7-26
7-15	Summary of Total Projected LLW Treatment Volume as Reported by Sites: FY 2000 - FY 2070	7-27
7-16	Total Projected LLW Treatment Volume as Reported by Sites: FY 2000 - FY 2070	7-28
7-17	Summary of Total LLW Receipts Volume as Reported by Sites: FY 1998 and FY 1999 Actuals	7-31
7-18	Total LLW Receipts Volume as Reported by Sites: FY 1998 and FY 1999 Actuals	7-32
7-19	Total Projected LLW Receipts Volume as Reported by Sites: FY 2000 - FY 2070	7-34
7-20	Total Projected Volume of LLW Receipts as Reported by Sites: FY 2000 - FY 2070	7-35
7-21	Total LLW-Radioactive Waste (RW) and LLW-Contaminated Media (CM) Disposal Volume as Reported by Sites: FY 1998 and FY 1999 Actuals	7-44
7-22	Total Projected LLW Disposal Volume as Reported by Sites: FY 2000 - FY 2070	7-47

7-23	Contribution of Waste Water to Total Volume of LLW-Radioactive Waste: FY 1998 and FY 1999 Actuals	7-50
7-24	Total Cumulative Volume and Radioactivity of LLW (Radioactive Waste and Contaminated Media) Disposed of through FY 1999	7-52
MIXEI	D LOW-LEVEL WASTE	
8-1	Summary of Total MLLW Volumes by Inventory and Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	8-1
8-2	Summary of Cumulative Projected MLLW Volumes by Management Activity as Reported by Sites: FY 2000 - FY 2070	
8-3	Summary of Total Projected MLLW Volumes by Inventory and Management Activity: FY 2000 - FY 2070	
8-4	Total Volume of MLLW in Inventory as Reported by Sites:	
8-5	Total Volume of MLLW in Inventory by State as Reported by Sites: FY 1998 and FY 1999 Actuals	8-9
8-6	Total Projected Volume of MLLW Inventories as Reported by Sites: FY 2000 - FY 2070	
8-7	Total Volume of MLLW in Inventory by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	
8-8	Total Volume of MLLW Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	8-14
8-9	Total Volume of MLLW Newly-Generated by State as Reported by Sites: FY 1998 and FY 1999 Actuals	8-16
8-10	Summary of Total Projected MLLW New-Generation Volumes as Reported by Sites: FY 2000 - FY 2070	8-17
8-11	Total Projected Volume of MLLW-New Generation as Reported by Sites: FY 2000 - FY 2070	8-18
8-12	Total Volume of MLLW Newly-Generated by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	8-22
8-13	Total Volume of MLLW Treated as Reported by Sites:	8-23
8-14	Total Volume of MLLW Treated by State as Reported by Sites: FY 1998 and FY 1999 Actuals	8-25
8-15	Summary of Total Projected MLLW Treatment Volume as Reported by Sites: FY 2000 - FY 2070	
8-16	Total Projected MLLW Treatment Volume as Reported by Sites: FY 2000 - FY 2070	8-27
8-17	Summary of Total MLLW Receipts Volume as Reported by Sites: FY 1998 and FY 1999 Actuals	8-30
8-18	Summary of Total MLLW Receipts Volume by State as Reported by Sites: FY 1998 and FY 1999 Actuals	8-31
8-19	Total Volume of MLLW Receipts as Reported by Sites: FY 1998 and FY 1999 Actuals	
8-20	Summary of Total Projected Volume of MLLW Receipts as Reported by Sites: FY 2000 - FY 2070	8-35
8-21	Total Projected Volume of MLLW Receipts as Reported by Sites: FY 2000 - FY 2070	8-36
8-22	Total Volume of MLLW-Radioactive Waste (RW) and MLLW-Contaminated Media (CM) Disposal as Reported by Sites: FY 1998 and FY 1999 Actuals	

8-23	Total Projected Volume of MLLW Disposal as Reported by Sites: FY 2000 - FY 2070	8-44
8-24	Contribution of Waste Water to Total Volume of MLLW: FY 1998 and FY 1999 Actuals	8-46
11e(2)) BYPRODUCT MATERIAL	
9-1	Summary of Total 11e(2) Volume by Inventory and Management Activity as Reported by Sites: FY 1998 and FY 1999 Actuals	9-1
9-2	Summary of Cumulative Projected 11e(2) Volumes by Management Activity as Reported by Sites: FY 2000 - FY 2070	9-4
9-3	Summary of Total Projected 11e(2) Volumes by Inventory and Management Activity: FY 2000 - FY 2070	9-4
9-4	Total Volume of 11e(2) in Inventory as Reported by Sites: FY 1998 and FY 1999 Actuals	9-6
9-5	Total Projected Volume of 11e(2) Inventories as Reported by Sites: FY 2000 - FY 2070	9-7
9-6	Total Volume of 11e(2) in Inventory by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	9-7
9-7	Total Volume of 11e(2) Additions as Reported by Sites: FY 1998 and FY 1999 Actuals	9-9
9-8	Total Projected Volume of 11e(2) Additions as Reported by Sites: FY 2000 - FY 2070	9-11
9-9	Total Volume of 11e(2) Additions by Physical Form as Reported by Sites: FY 1998 and FY 1999 Actuals	9-12
9-10	Total Volume of 11e(2) Treated as Reported by Sites: FY 1998 and FY 1999 Actuals	
9-11	Total Volume of 11e(2) Disposal as Reported by Sites: FY 1998 and FY 1999 Actuals	
9-12	Total Projected Volume of 11e(2) Disposal as Reported by Sites: FY 2000 - FY 2070	
9-13	Contribution of Ground/Surface Water to Total Volume of 11e(2): FY 1998 and FY 1999 Actuals	9-17
CONT	AMINATED MEDIA	
10-1	Types of Ex- and In-Situ Contaminated Media Managed at DOE and Commercial Sites Reference Chapter	
10-2	Summary of Total Ex-Situ Contaminated Media Volumes by Inventory and Management Activity: FY 1998 and FY 1999 Actuals	10-7
10-3	Total Volume of LLW Contaminated Media in Inventory and Managed as Reported by Sites: FY 1998 Actuals	10-9
10-4	Total Volume of LLW Contaminated Media in Inventory and Managed as Reported by Sites: FY 1999 Actuals	10-10
10-5	Total Volume of MLLW Contaminated Media in Inventory and Managed as Reported by Sites: FY 1998 Actuals	10-11
10-6	Total Volume of MLLW Contaminated Media in Inventory and Managed as Reported by Sites: FY 1999 Actuals	10-11
10-7	Total Volume of TRU Contaminated Media in Inventory and Managed as Reported by Sites: FY 1998 and FY 1999 Actuals	10-12
10-8	Total Volume of Unspecified Contaminated Media in Inventory and Managed as Reported by Sites: FY 1999 Actuals	10-12

List of Tables

10-9	Total Projected Volume of Ex-Situ Contaminated Media Inventories as Reported by Sites: FY 2000 - FY 2010	10-13
10-10	Total Projected Volume of Ex-Situ Contaminated Media Generation as Reported by Sites: FY 2000 - FY 2010	10-14
10-11	Total Projected Volume of Ex-Situ Contaminated Media Treatment as Reported by Sites: FY 2000 - FY 2010	10-15
10-12	Total Projected Volume of Ex-Situ Contaminated Media Receipts as Reported by Sites: FY 2000 - FY 2010	10-16
10-13	Total Projected Volume of Ex-Situ Contaminated Media Disposal as Reported by Sites: FY 2000 - FY 2010	10-17
10-14	Summary of Total In-Situ Contaminated Media Volume as Reported by Sites	10-18
10-15	Total Volume of LLW In-Situ Contaminated Media as Reported by Sites	10-19
10-16	Total Volume of MLLW In-Situ Contaminated Media as Reported by Sites	10-20
10-17	Total Volume of TRU In-Situ Contaminated Media as Reported by Sites	10-20
10-18	Total Volume of Unspecified In-Situ Contaminated Media as Reported by Sites	10-21
10-19	Contribution of Waste Water and Ground/Surface Water to Total Volume of Ex-Situ Contaminated Media: FY 1998 and FY 1999 Actuals	10-22
10-20	Contribution of Ground/Surface Water to Total Volumes of In-Situ Contaminated Media as Reported by Sites	10-22
NON-F	RADIOACTIVE WASTE	
11-1	Summary of Total Non-Radioactive Waste Volume Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	11-1
11-2	Total Volume of Non-Radioactive Hazardous Waste Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	11-3
11-3	Total Volume of Non-Radioactive Sanitary Waste Newly-Generated as Reported by Sites: FY 1998 and FY 1999 Actuals	11-5